

**Rapport og sluttmelding** Skjema for løpende rapport eller sluttmelding til de regionale komiteer for medisinsk og helsefaglig forskningsetikk (REK)

**2012/1018-9**

**Dokument-id: 647775 Dokument mottatt 20.01.2016**

## **Kallositeter og bioimpedans (2012/1018)**

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### **1. Generelle opplysninger**

#### **a. Prosjektleder**

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#### **b. Prosjekt**

Hvilket prosjekt gjelder sluttmeldingen/rapporten?	Kallositeter og bioimpedans (2012/1018)
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### **2. Sluttmelding/rapport og etisk vurdering**

Sluttmelding

*Kortfattet, allment forståelig framstilling av prosjektets konklusjoner. Dette gjelder både positive og negative funn.*

This study had evaluated the impact of feet callosities, arm posture, and the use of electrolyte wipes on body composition measurements by bioelectrical impedance analysis (BIA) in morbidly obese adults. Our study found that feet callosities and the use of electrolyte wipes did not have an effect on body composition (no differences in percent body fat) measured by BIA. We found that arm posture had a significant impact on body composition, as the median percentage body fat in the participants were significantly higher when using auxiliary pads (to form a 15 degree arm posture) than without pads (no standardized posture). The authors recommend that arm posture be standardized during BIA measurements.

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*Kortfattet redegjørelse for gjennomføringen av prosjektet i forhold til opprinnelig søknad og plan for gjennomføring.*

To the best of our knowledge, the implementation of the project was fully in accordance to the original application, where we had indicated that the aims were to look at the effect of callosities and arm posture on BIA measurements using a pre-post test design, where participants served as their own control. Participants recruited for the project were both male and female with a BMI > 35 through the Obesity polyclinic, as indicated in the original application. We ended up recruiting 36 participants instead of the original 20 specified, but had applied to REK on the 28th of December, 2012 to increase the sample size from 20 to 40. This study had no associated risks and no conflicts of interest to disclose.

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Lenke til eventuell publikasjon

<http://www.karger.com/Article/Abstract/442033>

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### 3. Vedlegg

#	Type	Filnavn	Lagt inn dato
1.	Sluttmelding / publikasjon	Røkenes - The impact of feet callosities, arm posture, and usage of electrolyte wipes on body composition by BIA in morbidly obese adults.pdf	20.01.16

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### 4. Ansvarserklæring

Jeg erklærer at prosjektet vil bli gjennomført

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I henhold til gjeldende lover, forskrifter og retningslinjer

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I samsvar med opplysninger gitt i denne søknaden

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I samsvar med eventuelle vilkår for godkjenning gitt av REK

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